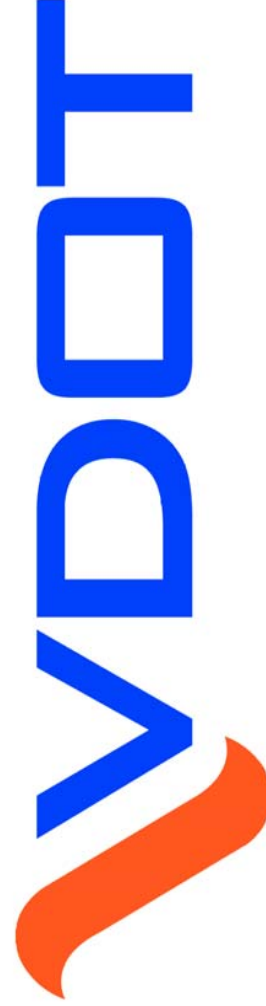


Virginia Department of Transportation
Materials Division
1401 East Broad Street
Richmond, VA 23219

NEW INFORMATION LINE
1-866-527-8656



Materials Division Certification Schools



2005

Hydraulic Cement Concrete Plant

Instruction will cover: components of concrete, ACI Concrete Mix Design, moisture content and batch weight calculations, requirements for inspection of plant and equipment, responsibilities of producer's Quality Control Technician and VDOT Monitor, automated data processing and specifications. **Calculator Required.**

Hydraulic Cement Concrete Field

Subject matter includes components of concrete, testing procedures and repair of hydraulic cement concrete structures. To be certified: **Non-VDOT personnel must obtain ACI Field Level I certification and VDOT personnel must pass a performance evaluation.**

Soils & Aggregate Compaction

This course will provide instruction on conventional and nuclear density testing, one-point proctor and "Speedy" moisture. Also covered are construction and testing of embankments and subgrade, pipe installation, roller patterns and reports. **Calculator required. All students must pass a performance evaluation to be certified.**

Central Mix Aggregate Plant

Testing of aggregates, job mixes, specifications, production sampling and stockpiling, automated data processing forms, pay quantities and titration are included on this course agenda. Quality Assurance, Modified Acceptance, and Bonded Weigh Programs will also be discussed. **Calculator and Safety Shoes Required. All students must pass a performance evaluation to be certified.**

Aggregate Properties

Certification in this field requires attendance in the first two days of the Asphalt Concrete Plant Mix Design School and passing an Aggregate Only exam. Training in the proper test methods and procedures for asphalt aggregate requirements. Included in class is laboratory hands-on time for running tests. **Calculator required. Prerequisite: Central Mix Aggregate Plant Certification**

DISTRICT COORDINATORS

(Register with the District Coordinators)

Bristol District
Tom Parris (276) 669-9952

Hampton Roads District
George Boykin (757) 925-2674

Salem District
Mitch Price (540) 387-5465

Lynchburg District
Linda Eagle (434) 856-8112

Richmond District
Jack Easter (804) 524-6211

Fredericksburg District
Alex Teklu (540) 899-4243

Culpeper District
Tom Brown (540) 829-7580

Staunton District
Janice Ramsey (540) 332-9174

NOVA District
Pam Curtis (703) 383-2165

FOR WEATHER CANCELLATIONS
CALL 1-866-527-8656

FEE SCHEDULE

REGISTRATION FEE: (All but Nuclear Safety) - \$200.00
REGISTRATION FEE: Nuclear Safety - \$100.00

ALL RECERTIFICATION SCHOOLS - \$50.00

MANUALS - \$35.00 (A \$35.00 fee is charged for a manual without class attendance)

Please make all checks payable to: "Treasurer of Virginia"

Notice of cancellation must be received four days prior to class in order for refunds to be made.

Note: These certification courses are not introductory programs. It is advised that applicants have some knowledge in road or bridge construction practices. Applicants must have basic reading comprehension skills as well as knowledge of basic math skills including algebra, calculation of percentages and statistics.

EXAM SCHEDULE

- Exams will be given on the Monday following the class for these schools: Central Mix Aggregate Plant, Asphalt Field, HCC Plant and Soils & Aggregate Compaction.
- Exams will be given on the afternoon of the last day of class for these schools: Asphalt Concrete Plant, Asphalt Concrete Mix Design, Aggregate Properties, HCC Field and Pavement Marking.
- Exams will be given immediately following class instruction for Nuclear Safety.

RECERTIFICATION SCHOOLS

All students whose certification(s) expire in 2005 should attend the recertification schools in the 2005 school season, (November 1, 2004 – June 30, 2005) to maintain their certifications.

SCHOOL LOCATIONS

Bristol – Holiday Inn and Convention Center, 3005 Linden Dr., Bristol, VA. (Exit 7 off of I-81). (540) 466-4100

Salem – Salem Civic Center, 1001 Boulevard, Salem, VA 24153; (540) 375-3004

Lynchburg – Lynchburg Ramada Inn, 3436 Odd Fellows Rd., Lynchburg, VA 24501 (Rt. 29 and Odd Fellows Rd., Exit 7), (434) 846-7500

Richmond – Holiday Inn – Airport, 5203 Williamsburg Road, Richmond, VA. (804) 222-6450.

Hampton Roads – Holiday Inn Waterfront Old Towne, Portsmouth. (Exit 7B off of I-264 East to Crawford Parkway). (757) 393-2573

Fredericksburg – Asphalt, Soils and HCC Recertification Schools will be held in the Fredericksburg District Materials Classroom. All other schools will be held at the Holiday Inn Fredericksburg North, located on I-95, at Rte 17 Exit 133B (southbound) Exit 133 (northbound), Warrenton ramp. Holiday Inn could be reached at (540) 371-5550.

Culpeper – Culpeper District Auditorium.

Staunton – Holiday Inn Golf and Conference Center, Staunton, VA. Exit 225 off of I-81. (540) 248-6020

NOVA – Manassas Battlefield Holiday Inn, 10800 Vandor Lane, Manassas VA. (Exit 47 off of I-66) (703) 335-0000

Asphalt Concrete Plant (Level I)

Sampling, sieve analysis of aggregates, aggregate proportioning for job mix formulas, mix design, and testing of asphalt concrete mixtures are discussed in this course. **Calculator required.**

All students must pass a performance evaluation to be certified.

Asphalt Concrete Plant Mix Design (Level II)

Instruction on Superpave mix design, materials selection and process control. Laboratory hands-on time for running tests is also provided. Examination is administered on last day of class. **Calculator required.**

Prerequisite: Asphalt Concrete Plant (Level I) Certification

Asphalt Concrete Field

Instruction is given on the placement, compaction, and density testing of Hot Mix Asphalt. Also covered are application of Surface Treatment, Slurry Seal, Micro-surfacing and Inspector/Contractor responsibilities. **Calculator required.**

All students must pass a performance evaluation to be certified.

Nuclear Safety

Lecture includes explanation of radiation and its biological effects, personnel monitoring devices and limiting exposure. Operation, maintenance, transportation of field gauges, as well as Federal Regulations and instruction regarding accident response will also be discussed. The NRC requires that students attend the full 6-hour course and successfully complete an exam to obtain Nuclear certification. The exam is given the same day of the class.

Attendance is mandatory to obtain Nuclear Certification.

Pavement Marking

This course involves classroom instruction regarding layout and pre-marking, materials, application, quality control testing, visual inspection and troubleshooting of pavement markings and markers.

All students must pass a performance evaluation to be certified.

SCHOOL SCHEDULE

ALL SCHOOLS START AT 8:00 AM

CENTRAL MIX AGGREGATE PLANT SCHOOL

Richmond	2/1-3/2005	Staunton	3/8-10/2005
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CENTRAL MIX AGGR. PLANT RE-CERTIFICATION SCHOOL

Salem	11/9/2004	Richmond	2/4/2005
Staunton	3/11/2005	Bristol	3/30/2005 (pm)

ASPHALT CONCRETE PLANT SCHOOL (LEVEL I)

Richmond	12/7-9/2004	Salem	2/23-25/2005
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ASPHALT CONCRETE PLANT MIX DESIGN SCHOOL (LEVEL II)

Charlottesville (VTRC) 2/15-17/2005

AGGREGATE PROPERTIES SCHOOL*

Charlottesville (VTRC) 2/15-17/2005

* To obtain this Certification the technician must attend the **Asphalt Concrete Plant Mix Design School** and pass an Aggregate Properties Specific Examination

ASPHALT FIELD SCHOOL

Richmond	11/30-12/2/2004	Salem	1/11-13/2005
Fredericksburg	2/1-3/2005	Northern Virginia	2/15-17/2005
Staunton	2/22-24/2005	Hampton Roads	3/15-17/2005

ASPHALT PLANT & FIELD RE-CERTIFICATION SCHOOL

Salem	12/7/2004	Staunton	12/8/2004
Northern Virginia	1/12/2005	Fredericksburg	1/26/2005
Lynchburg	2/16/2005	Richmond	2/17/2005
Hampton Roads	2/23/2005	Bristol	3/16/2005

HCC FIELD SCHOOL

(ACI Class held on preceding Monday and Tuesday, contact ACI for details 434-977-3716)

Northern Virginia	12/1-2/2004	Salem	1/26-27/2005
Hampton Roads	2/2-3/2005	Richmond	2/23-24/2005
Staunton	3/16-17/2005	Fredericksburg	3/23-24/2005

WEATHER CANCELLATION AND SCHEDULE UPDATES
AVAILABLE AT 1-866-527-8656

SCHOOL SCHEDULE

ALL SCHOOLS START AT 8:00 AM

HCC PLANT SCHOOL

Salem	1/19-20/2005	Richmond	2/15-16/2005
Hampton Roads	2/16-17/2005		

HCC PLANT & FIELD RE-CERTIFICATION SCHOOL

Bristol	11/17/2004	Lynchburg	11/18/2004
Salem	12/8/2004	Staunton	12/9/2004
Culpeper	1/12/2005	Fredericksburg	1/13/2005
Northern Virginia	1/26/2005	Richmond	1/27/2005
Hampton Roads	3/9/2005		

SOILS & AGGREGATE COMPACTION SCHOOL

Hampton Roads	1/4-6/2005	Richmond	1/5-7/2005
Salem	2/1-3/2005	Northern Virginia	3/1-3/2005
Fredericksburg	3/2-4/2005		

SOILS & AGGR. COMPACTION RE-CERTIFICATION SCHOOL

Northern Virginia	11/16/2004	Hampton Roads	12/8/2004
Lynchburg	1/12/2005	Staunton	1/27/2005
Richmond	2/8/2005	Bristol	2/24/2005
Salem	3/16/2005	Fredericksburg	3/30/2005

PAVEMENT MARKING SCHOOL

Richmond	1/18-19/2005	Northern Virginia	2/1-2/2005
Hampton Roads	2/8-9/2005	Salem	3/1-2/2005
Fredericksburg	3/15-16/2005		

PAVEMENT MARKING RE-CERTIFICATION SCHOOL

Richmond	1/20/2005	Northern Virginia	2/3/2005
Hampton Roads	2/10/2005	Salem	3/3/2005
Fredericksburg	3/17/2005	Bristol	3/30/2005

NUCLEAR SAFETY SCHOOL & RE-CERTIFICATION SCHOOL

*Northern Virginia	11/17/2004	*Hampton Roads	12/7/2004
*Lynchburg	1/11/2005	*Staunton	1/26/2005
Richmond (recert)	2/9/2005	Richmond	2/10/2005
*Bristol	2/23/2005	*Salem	3/15/2005
*Fredericksburg	3/29/2005		

** Afternoon Re-certification session; Time: 1:00 pm till 4:00 pm*